

INFORMATION
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Applicant: Bachovchin

Filing Date:
April 9, 1999Group:
1653

U. S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
X	* 4,318,904	Shaw <i>et al.</i>	March 9, 1982	424	177
X	* 4,443,609	Oude Alink <i>et al.</i>	April 17, 1984	548	111
X	* 4,499,082	Shenvi <i>et al.</i>	February 12, 1985	514	2
X	* 4,582,821	Kettner <i>et al.</i>	April 15, 1986	514	18
X	* 4,636,492	Kettner <i>et al.</i>	January 13, 1987	514	18
X	* 4,644,055	Kettner <i>et al.</i>	February 17, 1987	530	330
X	* 4,652,552	Kettner <i>et al.</i>	March 24, 1987	514	18
X	* 4,935,493	Bachovchin <i>et al.</i>	June 19, 1990	530	331
X	* 4,963,655	Kinder <i>et al.</i>	October 16, 1990	530	331
X	* 5,093,477	Mölling <i>et al.</i>	March 3, 1992	530	328
X	* 5,187,157	Kettner <i>et al.</i>	February 16, 1993	514	18
X	* 5,215,926	Etchells, III <i>et al.</i>	June 1, 1993	436	501
X	* 5,242,904	Kettner <i>et al.</i>	September 7, 1993	514	18
X	* 5,250,720	Kettner <i>et al.</i>	October 5, 1993	558	288
X	* 5,288,707	Metternich	February 22, 1994	514	18
X	* 5,296,604	Hanko <i>et al.</i>	March 22, 1994	546	169
X	* 5,329,028	Ashkenazi <i>et al.</i>	July 12, 1994	548	548
X	* 5,378,624	Berenson <i>et al.</i>	January 3, 1995	435	239
X	* 5,384,410	Kettner <i>et al.</i>	January 24, 1995	548	405
X	* 5,444,049	de Nanteuil <i>et al.</i>	August 22, 1995	514	18
X	* 5,462,928	Bachovchin <i>et al.</i>	October 31, 1995	514	19

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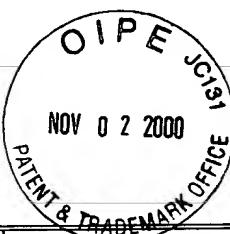
X	* 5,506,130	Peterson <i>et al.</i>	April 9, 1996	435	240.1
X	* 5,527,923	Klinger <i>et al.</i>	June 18, 1996	548	570
X	* 5,543,396	Powers <i>et al.</i>	August 6, 1996	514	19
X	* 5,554,728	Basaya <i>et al.</i>	September 10, 1996	530	327
X	* 5,635,386	Palsson <i>et al.</i>	June 3, 1997	435	372
X	* 5,635,387	Fei <i>et al.</i>	June 3, 1997	435	378
X	* 5,646,043	Emerson <i>et al.</i>	July 8, 1997	435	373

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Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
X	DD158109	Germany	29 December 1982		X
X	DD270382A1	Germany	26 July 1989		X
X	DD296075A5	Germany	21 November 1991		X
DL	EP 0356223A2	Europe	28 February 1990	X	
X	EP 0371467A2	Europe	6 June 1990		X
X	* EP 0420913B1	Europe	15 November 1995		
X	* EP 0471651A2	Europe	19 February 1992		
X	EP 0481311A2	Europe	22 April 1992		X
X	EP 0615978A1	Europe	21 September 1994		X
X	EP 0688788A1	Europe	27 December 1995		X
X	* WO 89/03223	PCT	20 April 1989		
X	* WO 91/16339	PCT	31 October 1991		
X	* WO 91/17767	PCT	28 November 1991		

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X	* WO 92/12140	PCT	23 July 1992	
X	* WO 92/17490	PCT	15 October 1992	
X	* WO 93/02057	PCT	4 February 1993	
X	* WO 93/05011	PCT	18 March 1993	
X	* WO 93/08259	PCT	29 April 1993	
X	* WO 93/11027	PCT	27 May 1993	
X	* WO 93/16102	PCT	19 August 1993	
X	* WO 94/03055	PCT	17 February 1994	
X	* WO 94/09132	PCT	28 April 1994	
X	* WO 94/20526	PCT	15 September 1994	
X	* WO 94/25873	PCT	10 November 1994	
X	* WO 94/28915	PCT	22 December 1994	
X	* WO 94/29335	PCT	22 December 1994	
X	* WO 95/11689	PCT	4 May 1995	
X	WO 95/15309	PCT	6 June 1995	X
DL	* WO 95/15309	PCT	8 June 1995	
X	* WO 95/12618	PCT	11 May 1995	
X	* WO 95/29190	PCT	2 November 1995	
X	* WO 95/29691	PCT	9 November 1995	
X	* WO 95/34538	PCT	21 December 1995	
X	* WO 96/40858	PCT	19 December 1996	
X	* WO 96/40263	PCT	19 December 1996	
DL	WO 98/00439	PCT	8 January 1998	X
DL	WO 98/50046	PCT	12 November 1998	X
DL	WO 98/50066	PCT	12 November 1998	X

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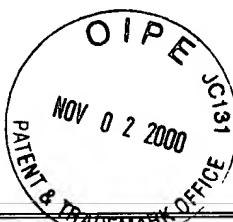
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<i>DJ</i>	WO 99/16864	✓	PCT	8 April 1999	X	
Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>DJ</i>	Aguila, H.L., et al., "From Stem Cells To Lymphocytes: Biology and Transplantation", <i>Immun. Rev.</i> , 157 :13-40, (1997)					
<i>DJ</i>	Ansorge, et al., "CD26/Dipeptidyl Peptidase IV in Lymphocyte Growth Regulation", 127-140.					
<i>X</i>	* Austin, D.J., et al., "Proximity Versus Allostery; The Role of Regulated Protein Dimerization in Biology", <i>Chemistry & Biology</i> , 1 :131-136, (1994)					
<i>X</i>	* Bachovchin, W.W., et al., "Inhibition Of IGA 1 Proteinases From Neisseria Gonorrhoeae And Hemophilus Influenzae By Peptide Prolyl Boronic Acids", <i>J. Biol. Chem.</i> , 265 :3738-3743-(1990).					
<i>X</i>	* Bailey, P.D., "An Introduction To Peptide Chemistry", <i>Wiley Publishers</i> , 1-81, (1990)					
<i>X</i>	* Barton, R.W.J., et al., "Binding Of The T Cell Activation Monoclonal Antibody Ta1 To Dipeptidyl Peptidase IV", <i>J. Leukocyte Biology</i> , 48 :291-296 (1990).					
<i>DJ</i>	Baugh, R., et al., "Role and Potential Therapeutic Value of Proteinase Inhibitors in Tissue Destruction", <i>Proteinases And Tumor Invasion</i> , 165 :157-180 (1980).					
<i>X</i>	* Blumenstein, et al., "Synthetic Non-Peptide Inhibitors of HIV Protease" <i>Biochemical and Biophysical Research Communications</i> 163 (2): 980-87, 1989.					
<i>X</i>	* Bodanszky, M., "Principles Of Peptide Synthesis", <i>Springer-Verlag</i> , 16 : (1984)					
<i>X</i>	* Bodanszky, M., "The Practice Of Peptide Synthesis", <i>Springer-Verlag</i> , 21 : (1984)					
<i>X</i>	* Bodanzky, M., "Peptide Chemistry, A Practical Textbook", <i>Springer-Verlag</i> , (1988) 1-9.					
<i>X</i>	* Boros, L.G., et al., "Fluoroolefin Peptide Isosteres-Tools For Controlling Peptide Conformations", <i>Tetrahedron Letters</i> , 35 :6033-6036., (1994)					
<i>X</i>	* Brady, L., and Dodson, G., "Reflections On A Peptide", <i>Nature</i> , 368 :692-693, (1994)					
<i>X</i>	* Brander, et al., "Heterogeneous T Cell Responses to β -Lactam-Modified Self-Structures Are Observed in Penicillin-Allergic Individuals" <i>J. Immunol.</i> 155 (5):2670-2678 (1995).					
<i>X</i>	* Brenchley, et al., "Towards Defining Antigens in Human Membranous Nephropathy" <i>Nephrology, Dialysis, Transplantation</i> 7 Supp. 1: 21-24, (1992).					
<i>X</i>	Bristol, L.A., et al., "Characterization Of A Novel Rat Thymocyte Costimulating Antigen By The Monoclonal Antibody 1.3", <i>J. Immunol.</i> , 148 :332-338 (1992).					
<i>X</i>	* Bristol, L.A., et al., "Thymocyte Costimulating Antigen is CD26 (Dipeptidyl-Peptidase IV), Co-stimulation Of Granulocyte, Macrophage, T Lineage Cell Proliferation Via CD26," <i>J. Immunol.</i> , 149 :367-372 (1992).					
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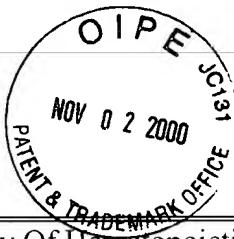
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	<p>* Bungy, et al., "Mapping of T Cell Epitopes of the Major Fraction of Rye Grass Using Peripheral Blood Mononuclear Cells From Atopics and Non-Atopics. II. Isoallergen Clone 5A of Lolium Perenne Group I (Lol p I). <i>Eur. J. Immunol.</i> 24 (9):2098-2103 (1994).</p> <p>* Chan, et al., "Archives of Ophthalmology" 113 (5):597-600 (1995).</p> <p>* Chazenblak, et al., "Human Organ-Specific Autoimmune Disease", Molecular Cloning and Expression of an Autoantibody Gene Repertoire For a Major Autoantigen Reveals an Antigenic Immunodominant Region and Restricted Immunoglobulin Gene Usage in the Target Organ, <i>J. Clinical Investigation</i> 92 (1):62-74 (1993).</p> <p>* Colowick, S., et al., "Methods In Enzymology", Pp. 220-225.</p> <p>* Cordes, E., et al., "Transition States For Hydrolysis Of Acetals, Ketals Glycosides, And Glycosylamines", Chapter 11, Pp. 429-465</p> <p>* Coutts, et al., "Structure-Activity Relationships of Boronic Acid Inhibitors of Dipeptidyl Peptidase IV. 1. Variation of the P₂ Position of X_{aa}-boroPro Dipeptides", <i>J. Med. Chem.</i>, 39: 2087-94, 1996.</p> <p>* Dang, N.H., et al., "Cell Surface Modulation of CD26 By Anti-1F7 Monoclonal Antibody: Analysis Of Surface Expression And Human T Cell Activation", <i>J. Immunol.</i>, 145:3963-3971 (1990).</p> <p>* Darcy, et al., "Protection of Mice and Nude Rats Against Toxolasmosis by A Multiple Antigenic Peptide Construction Derived From Toxoplasma Gondii P30 Antigen", <i>J. Immunol.</i> 149 (11):3636-3641 (1992).</p> <p>* Darmoul, D., et al., "Dipeptidyl Peptidase IV (CD26) Gene Expression in Enterocyte-like Colon Cancer Cell Lines HT-29 And Caco-2; Cloning Of The Complete Human Coding Sequence And Changes of Dipeptidyl Peptidase IV mRNA Levels During Cell Differentiation," <i>J. Biological Chemistry</i>, 267:220-2208 (1992).</p> <p>* Daw, et al., "Glutamic Acid Decarboxylase Autoantibodies in Stiff-Man Syndrome and Insulin-Dependent Diabetes Mellitus Exhibit Similarities and Differences in Epitope Recognition", <i>J. Immunol.</i> 156 (2): 818-825 (1996).</p> <p>* De Caestecker, M.P., et al., "The Detection Of Intercytoplasmic Interleukin 1 (Alpha) Expression In Human Monocytes Using Two Colour Immunofluorescence Flow Cytometry", <i>J. Immunol. Methods</i> 154:11-20 (1992).</p> <p>* Demuth, H.U., et al. "Design Of (Omega-N-(O-Acy)Hydroxy Amid) Aminodicarboxylic Acid Pyrrolidides As Potent Inhibitors Of Proline-Specific Peptidases", <i>FEBS Lett.</i>, 320:23-27, (1993)</p> <p>* Dudler, et al., "Carbohydrate-Dependent, HLA Class II-Restricted, Human T Cell Response to the Bee Venom Allergen Phospholipase A2 in Allergic Patients", <i>Eur. J. Immunol.</i> 25 (2):538-542 (1995).</p> <p>* Duke-Cohan, J.S., et al., "Targeting Of An Activated T-Cell Subset Using A Bispecific Antibody-Toxin Conjugated Directed Against CD4 AND CD26", <i>Blood</i>, 82:2224-2234., (1993).</p>
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<i>D</i>	Dupont, B., "Immunology Of Hematopoietic Stem Cell Transplantation: A Brief Review Of Its History", <i>Immun. Rev.</i> , 157 :5-12. (1997)
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<i>X</i>	* El Far, et al., "Antigens Associated with N- and L-Type Calcium Channels in Lambert - Eaton Myasthenic Syndrome", <i>J. Neurochemistry</i> , 64 (4): 1696-1702 (1995).
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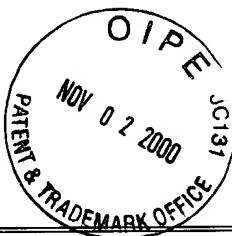
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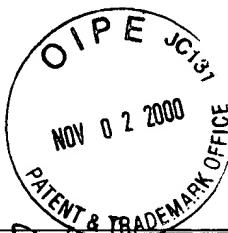
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